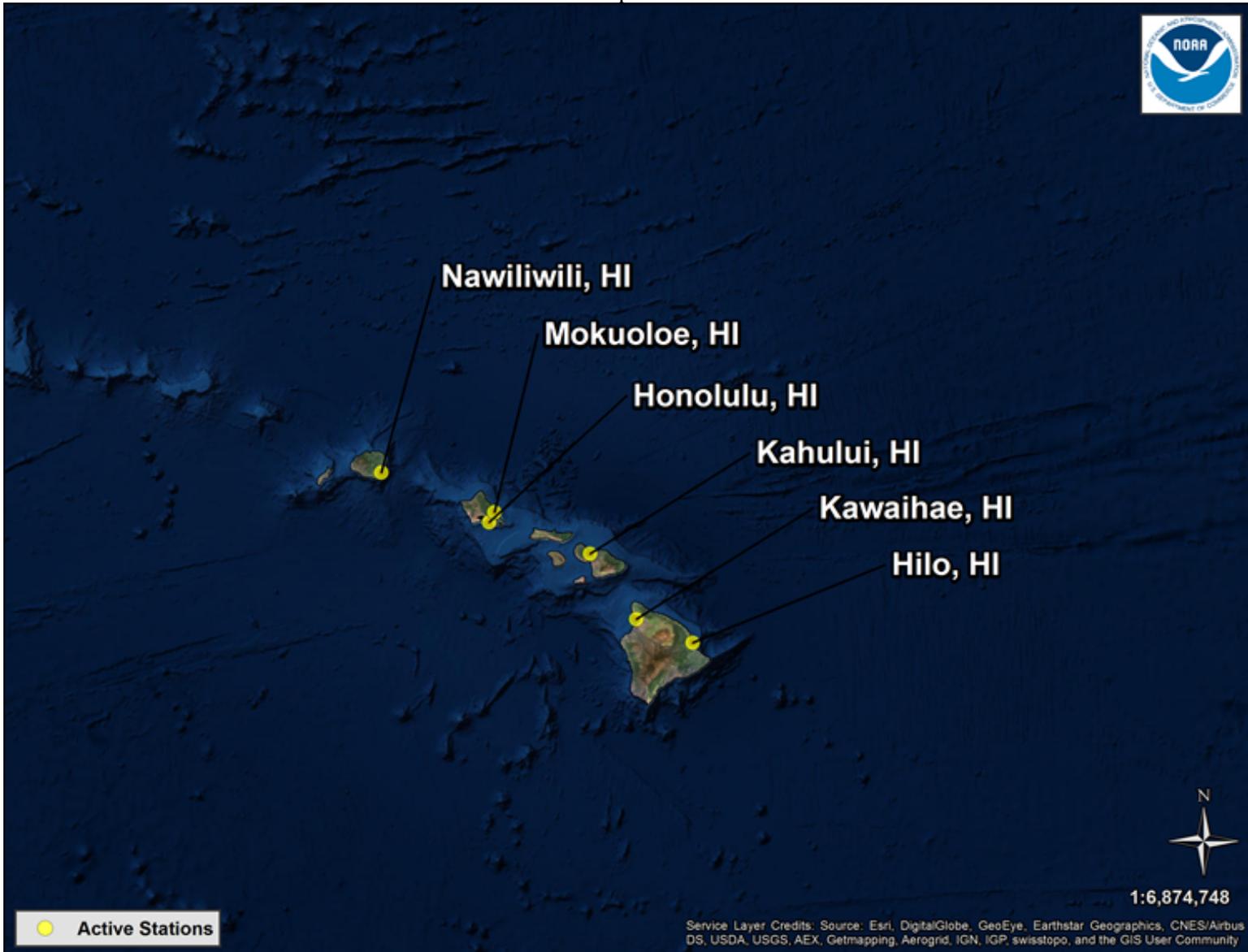




Tropical Depression DARBY QuickLook
Posted: 06:00 HST 07/25/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/25/2016 06:00 HST, water levels across the Hawaiian Islands are slightly elevated or plotting with predictions. Winds are 10 knots or less across the region with gusts reaching 15 knots. Barometric pressure is rising across the Hawaiian Islands.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the Central Pacific Hurricane Center (CPHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.

Analyst: ADM

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN
TROPICAL DEPRESSION DARBY ADVISORY NUMBER 56
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI
500 AM HST MON JUL 25 2016

...DARBY WEAKENS TO A DEPRESSION AS IT MOVES AWAY FROM KAUALI...

WATCHES AND WARNINGS

There are no coastal watches or warnings in effect.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 AM HST, the center of Tropical Depression Darby was located ABOUT 55 MI WNW OF BARKING SANDS HAWAII and ABOUT 190 MI WNW OF HONOLULU HAWAII. The depression is moving toward the west near 12 mph and this general motion is expected to continue until dissipation occurs, except for a gradual turn toward the northwest.

Maximum sustained winds are near 35 mph with higher gusts. Weakening is forecast during the next 48 hours, and Darby is expected to become a post-tropical low by Tuesday before dissipating by Wednesday.

The estimated minimum central pressure is 1011 mb.

HAZARDS AFFECTING LAND

RAINFALL: Although Darby is moving away from the Hawaiian Islands, convergence bands well east and southeast of the poorly-defined center will bring an additional 1 to 3 inches of rainfall to portions of the Hawaiian Islands today, with locally higher amounts possible.

NEXT ADVISORY

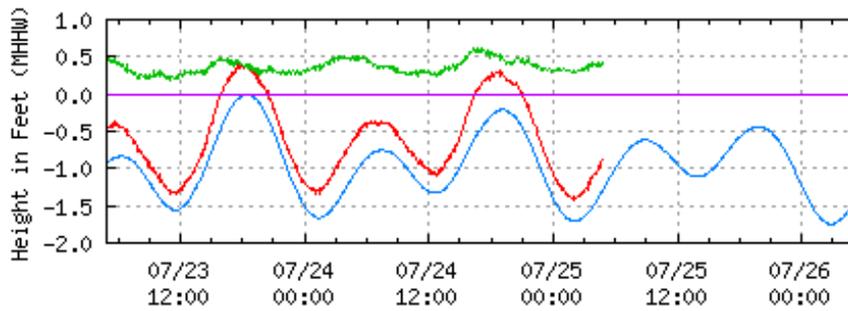
Next complete advisory at 1100 AM HST.

\$\$
Forecaster Birchard

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Nawiliwili - Water Level](#), [Nawiliwili - Winds](#), [Nawiliwili - Barometric](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#)

NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI
 Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide ——— blue ———
 Observed WL ——— red ———
 (Obs-Pred) ——— green ———
 MHHW ——— purple ———

Last Observed Sample: 07/25/2016 04:48 (HST). Data relative to MHHW

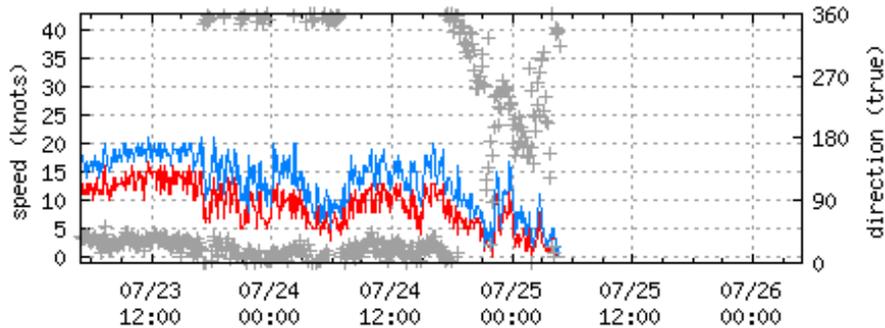
Observed: -0.87 ft. Predicted: -1.28 ft. Residual: 0.41 ft.

Historical Maximum Water Level: Sep 11 1992, 3.15 ft.

Next High Tide: 07/25/2016 08:55 (HST), -0.62 ft.

NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI

Wind Speed / Gusts / Direction

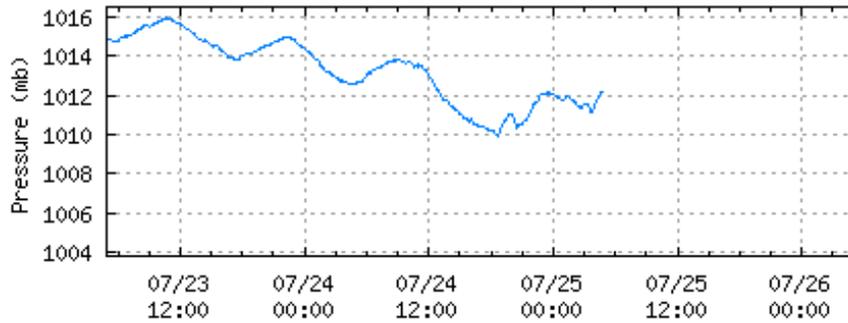


speed ——— red ——— gusts ——— blue ——— direction +

Last Observed Sample: 07/25/2016 04:48 (HST)

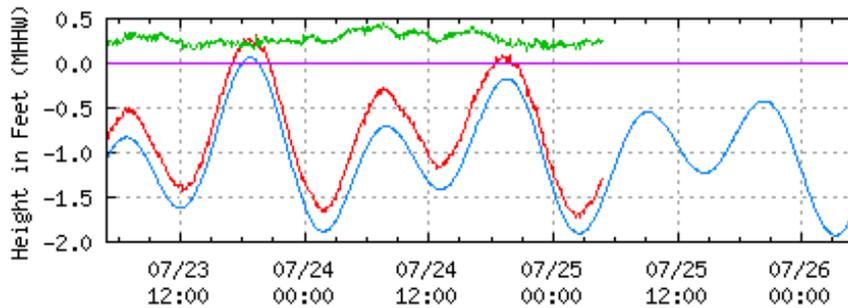
Wind Speed: 0 knots Gusts: 2 knots Direction: 312° T

NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI
Barometric Pressure



barometric pressure —
Last Observed Sample: 07/25/2016 04:48 (HST)
Barometric Pressure: 1012.2 mb

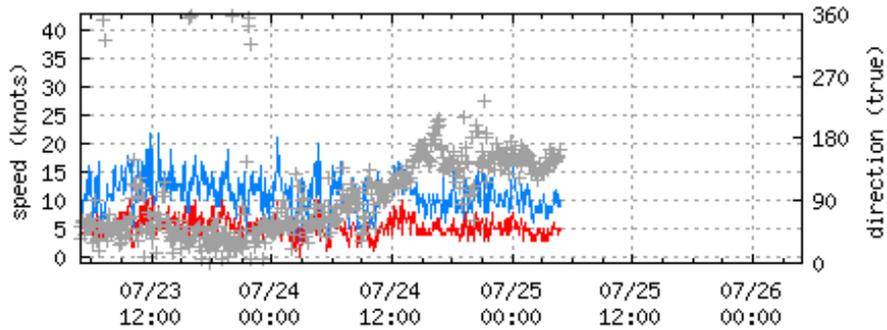
NOAA/NOS/CO-OPS 1612340 Honolulu, HI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

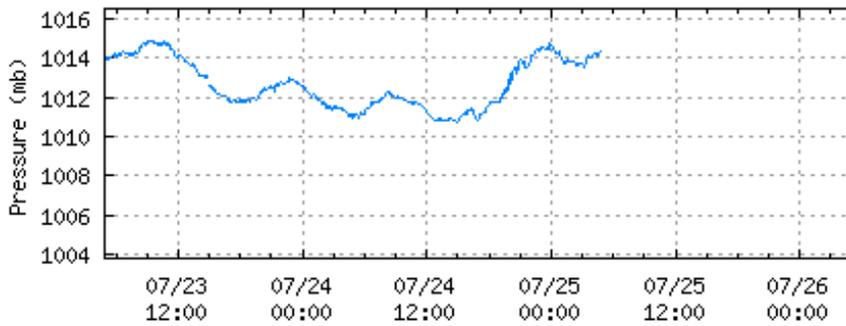
Last Observed Sample: 07/25/2016 04:42 (HST). Data relative to MHHW
Observed: -1.29 ft. Predicted: -1.54 ft. Residual: 0.25 ft.
Historical Maximum Water Level: Feb 14 1967, 1.49 ft.
Next High Tide: 07/25/2016 09:10 (HST), -0.55 ft.

NOAA/NOS/CO-OPS 1612340 Honolulu, HI
Wind Speed / Gusts / Direction



speed — gusts — direction +
Last Observed Sample: 07/25/2016 04:42 (HST)
Wind Speed: 5 knots Gusts: 9 knots Direction: 165° T

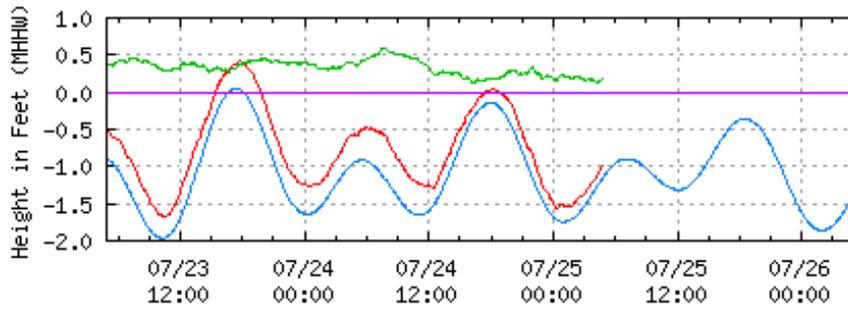
NOAA/NOS/CO-OPS 1612340 Honolulu, HI
Barometric Pressure



barometric pressure —

Last Observed Sample: 07/25/2016 04:42 (HST)
Barometric Pressure: 1014.3 mb

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI
 Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (blue line)
 Observed WL ——— (red line)
 (Obs-Pred) ——— (green line)
 MHHW ——— (purple line)

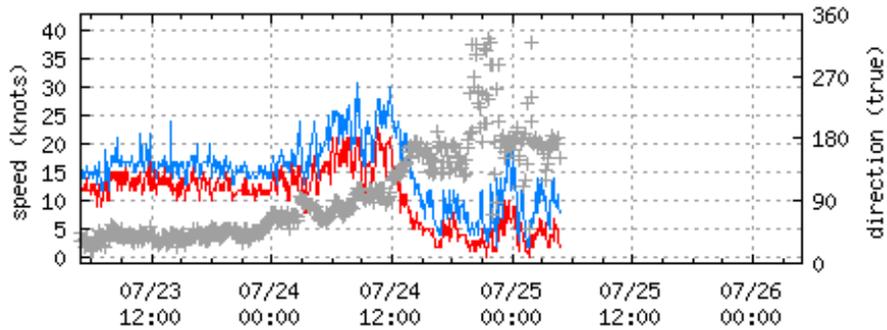
Last Observed Sample: 07/25/2016 04:42 (HST). Data relative to MHHW

Observed: -0.99 ft. Predicted: -1.17 ft. Residual: 0.18 ft.

Historical Maximum Water Level: Jan 8 1974, 1.46 ft.

Next High Tide: 07/25/2016 07:09 (HST), -0.90 ft.

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI
 Wind Speed / Gusts / Direction

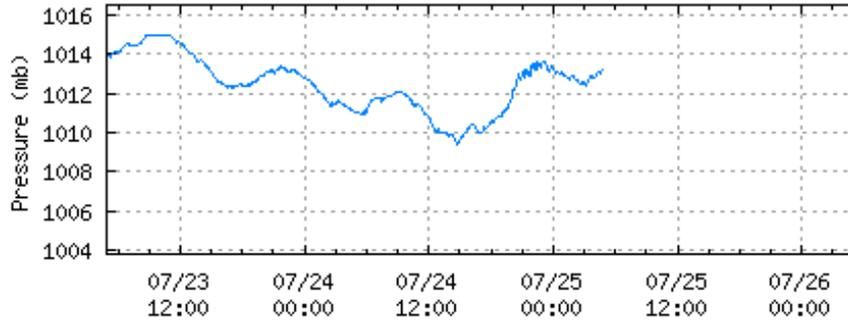


speed ——— (red line) gusts ——— (blue line) direction +

Last Observed Sample: 07/25/2016 04:42 (HST)

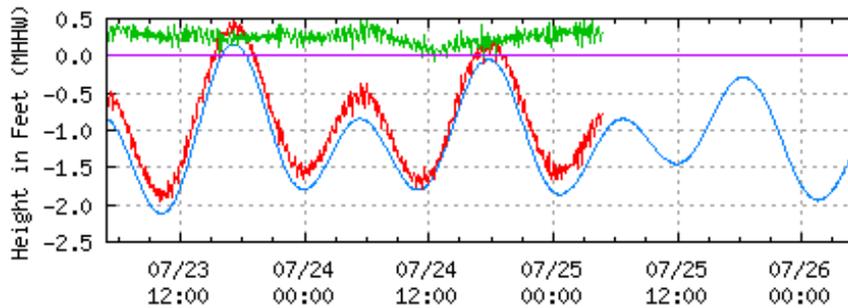
Wind Speed: 2 knots Gusts: 8 knots Direction: 152° T

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI
Barometric Pressure



barometric pressure —
Last Observed Sample: 07/25/2016 04:42 (HST)
Barometric Pressure: 1013.2 mb

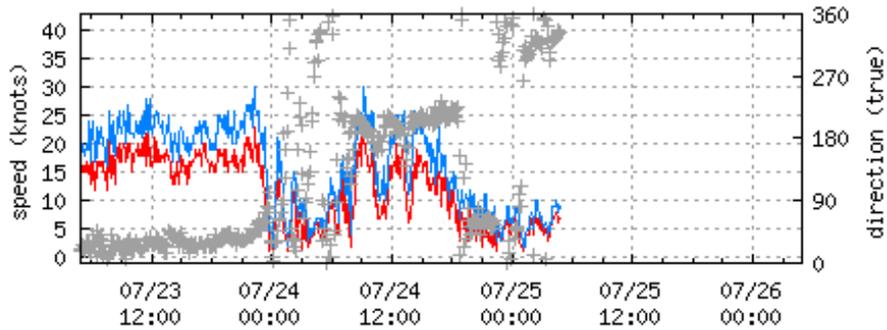
NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

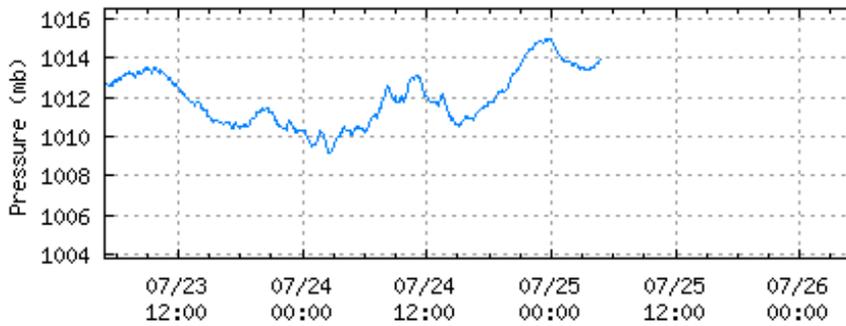
Last Observed Sample: 07/25/2016 04:42 (HST). Data relative to MHHW
Observed: -0.78 ft. Predicted: -1.08 ft. Residual: 0.30 ft.
Historical Maximum Water Level: Dec 20 1968, 1.23 ft.
Next High Tide: 07/25/2016 06:44 (HST), -0.84 ft.

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
Wind Speed / Gusts / Direction



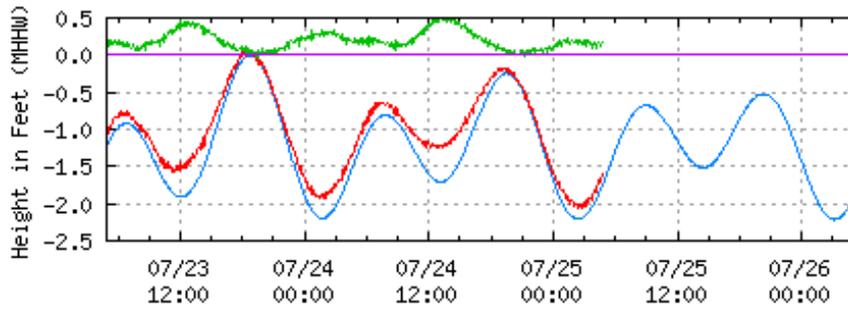
speed — gusts — direction +
Last Observed Sample: 07/25/2016 04:42 (HST)
Wind Speed: 7 knots Gusts: 9 knots Direction: 334° T

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
Barometric Pressure



barometric pressure —
Last Observed Sample: 07/25/2016 04:42 (HST)
Barometric Pressure: 1013.9 mb

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

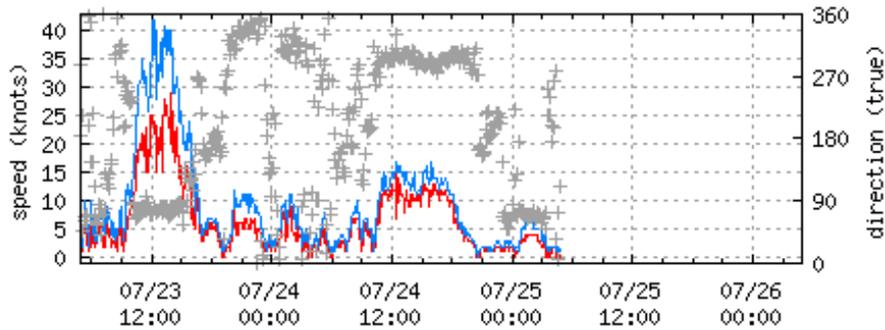
Last Observed Sample: 07/25/2016 04:42 (HST). Data relative to MHHW

Observed: -1.61 ft. Predicted: -1.77 ft. Residual: 0.16 ft.

Historical Maximum Water Level: Dec 13 2008, 1.22 ft.

Next High Tide: 07/25/2016 08:58 (HST), -0.67 ft.

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI
Wind Speed / Gusts / Direction

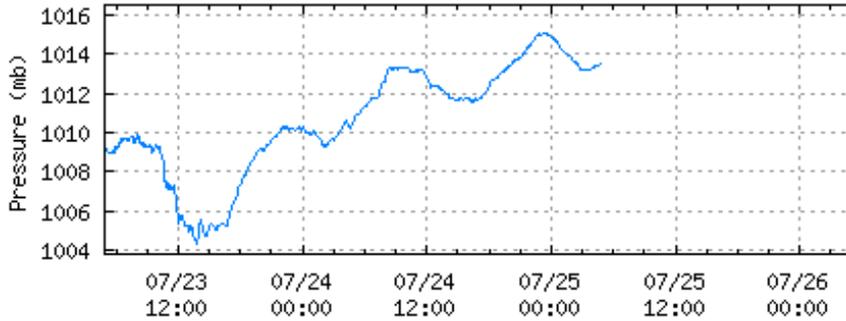


speed ——— gusts ——— direction +

Last Observed Sample: 07/25/2016 04:42 (HST)

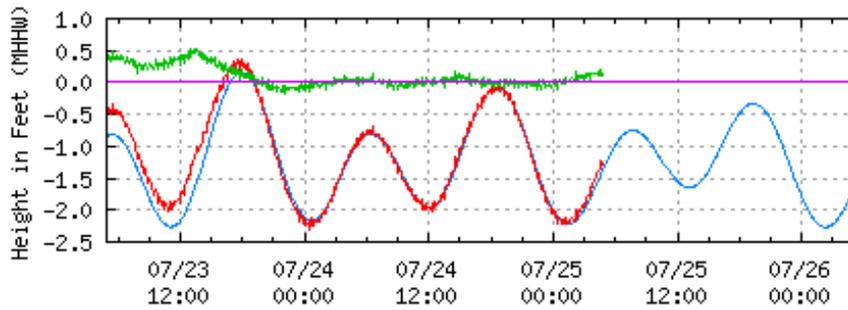
Wind Speed: 0 knots Gusts: 1 knots Direction: 112° T

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI
Barometric Pressure



barometric pressure —
Last Observed Sample: 07/25/2016 04:42 (HST)
Barometric Pressure: 1013.5 mb

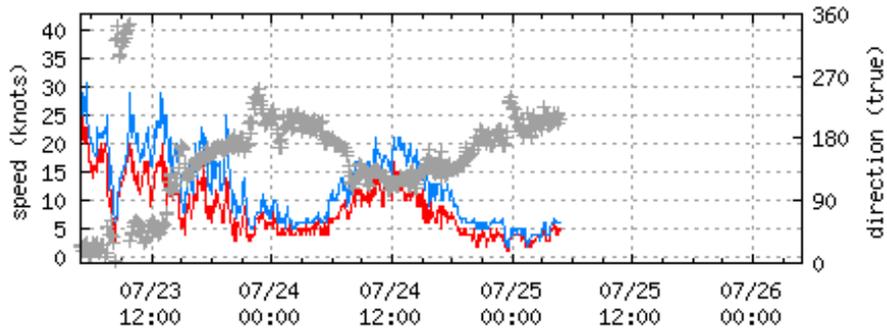
NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

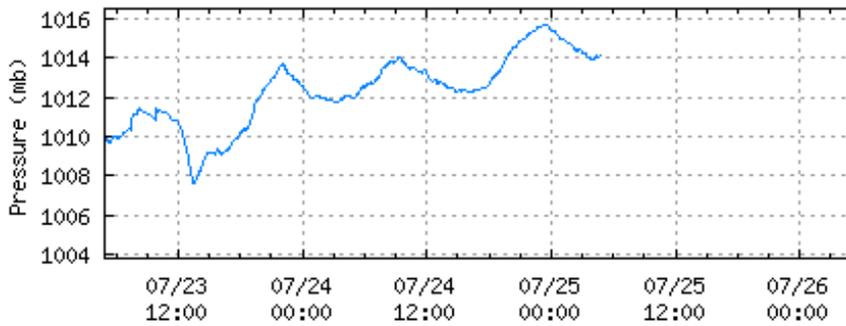
Last Observed Sample: 07/25/2016 04:42 (HST). Data relative to MHHW
Observed: -1.28 ft. Predicted: -1.40 ft. Residual: 0.12 ft.
Historical Maximum Water Level: Jan 20 1981, 1.37 ft.
Next High Tide: 07/25/2016 07:42 (HST), -0.75 ft.

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Wind Speed / Gusts / Direction



speed — gusts — direction +
Last Observed Sample: 07/25/2016 04:42 (HST)
Wind Speed: 5 knots Gusts: 6 knots Direction: 207° T

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Barometric Pressure



barometric pressure —
Last Observed Sample: 07/25/2016 04:42 (HST)
Barometric Pressure: 1014.1 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1611400	Nawiliwili, HI	07/25/2016 04:48 (HST)	-0.87 ft	-1.28 ft	0.41 ft	0.31 ft
1612340	Honolulu, HI	07/25/2016 04:42 (HST)	-1.29 ft	-1.54 ft	0.25 ft	0.10 ft
1612480	Mokuoloe, HI	07/25/2016 04:42 (HST)	-0.99 ft	-1.17 ft	0.18 ft	0.05 ft
1615680	Kahului, Kahului Harbor, HI	07/25/2016 04:42 (HST)	-0.78 ft	-1.08 ft	0.30 ft	0.33 ft
1617433	Kawaihae, HI	07/25/2016 04:42 (HST)	-1.61 ft	-1.77 ft	0.16 ft	-0.18 ft
1617760	Hilo, Hilo Bay, Kuhio Bay, HI	07/25/2016 04:42 (HST)	-1.28 ft	-1.40 ft	0.12 ft	-0.05 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce